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42137-0016

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In Re the Application of:      Shen-En Qian et al.****Title:                              DATA COMPRESSION ENGINES AND REAL-TIME  
   WIDEBAND COMPRESSOR FOR MULTI-  
   DIMENSIONAL DATA****Serial Number:                      10/651,110****Filed:                                29 August 2003****Group Art Unit:                    2624                                      Confirmation No.: 7689**

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<b>BY FAX Centralized Fax No. 571-273-8300</b>
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Mail Stop Amendment  
Commissioner for Patents  
U.S. Patent and Trademarks Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

In response to the Office Action of 12 January 2007, please amend this application as follows:

**Amendments in the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

FEB 08 2007

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/651,110	
	Filing Date	August 29, 2003	
	First Named Inventor	Shen-En Qian	
	Art Unit	2624	
	Examiner Name	OE, YUZHEN	
Total Number of Pages in This Submission	5	Attorney Docket Number	42137-0018

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Cassan Maclean		
Signature			
Printed name	Arturo A. Brilo		
Date	February 8, 2007	Reg. No.	51,374

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Signature			
Typed or printed name	Mary Ellen Schellenberg (571-273-8300)	Date	February 8, 2007

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